

IN THE CLAIMS

1-7. (CANCELED)

8. (CURRENTLY AMENDED) A method for generating localizable message catalogs for Java-based applications, comprising:

identifying one or more localizable strings of a Java source code;

marking the one or more localizable strings to produce one or more marked localizable strings by inserting a marker into each localizable string of the one or more localizable strings;

extracting the one or more marked localizable strings;

storing the one or more marked localizable strings into an external text file ~~in a first directory;~~

generating a new version of the Java source code ~~in a second directory~~ from which an internationalization tool is run;

retrieving the marked localizable strings from a ListResourceBundle class;

generating a merged external text file containing the one or more marked localizable strings ~~in the first directory and the second directory;~~

generating one or more ResourceBundle files corresponding to the merged external text file with each ResourceBundle file of the one or more ResourceBundle files corresponding to a desired language; and

compiling the one or more ResourceBundle files and the Java source code.

9. (ORIGINAL) The method of claim 8, wherein the external text file is a message catalog file.

10. (ORIGINAL) The method of claim 8, wherein the marked localizable strings in the one or more intermediate message catalog files are function calls to the internationalization tool.

11. (ORIGINAL) The method of claim 8, wherein retrieving the marked localizable strings from a ResourceBundle class comprises:

determining a current locale language in which the Java source code is running;

determining whether the current locale language is a default language;

if the current locale language is the default language, returning a marked localizable string of the one or more marked localizable strings;

if the current local language is not the default language, determining whether a language-specific version of the marked localizable string that corresponds to the current

locale language exists in a ListResourceBundle data structure of the one or more ListResourceBundle data structures that corresponds to the marked localizable string; and

if the language-specific version exists, opening up the ListResourceBundle that corresponds to the marked localizable string and returning the language-specific version of the marked localizable string from the ListResourceBundle.

12. (ORIGINAL) The method of claim 11, wherein the default language is English.

13. (ORIGINAL) The method of claim 8, wherein the merged external text file is an intermediate message catalog file.

14. (ORIGINAL) The method of claim 8, wherein after generating a merged external text file, further comprising:

translating the one or more marked localizable strings in the merged external text file into one or more desired languages.

15. (CURRENTLY AMENDED) A method for generating localizable message catalogs for Java-based applications, comprising:

opening an original Java source code file ~~that is stored in a first directory;~~

opening a first message catalog file;

copying the first message catalog file to a second message catalog file;

creating a modified Java source code file from the original Java source code file ~~in a~~
~~second directory~~;

reading the contents of the original Java source code file into a buffer;

if the buffer contains one or more marked localizable strings, for each marked
localizable string of the one or more marked localizable strings comprising:

determining if the marked localizable string is stored in the first message
catalog file;

if the marked localizable string is stored in the first message catalog file,
comprising:

obtaining a message number corresponding to the marked localizable
string; and

replacing the marked localizable string in the buffer with a method call
that can obtain the marked localizable string;

if the marked localizable string is not stored in the first message catalog file,
comprising:

appending the marked localizable string to the second message catalog file; and

removing a marker from the marked localizable string in the buffer to convert the marked localizable string to a default localized string;

writing to the modified Java source code file from the buffer; and

closing the original Java source code file, the first message catalog file, the second message catalog file, and the modified Java source code file.

16. (CURRENTLY AMENDED) A method for generating localizable message catalogs for Java-based applications, comprising:

generating a plurality of modified Java source code files;

generating a message catalog file having one or more localizable strings for a Java package;

translating the message catalog file manually;

generating a plurality of ListResourceBundle data structure files for the one or more localizable strings of the translated message catalog file, wherein the ListResourceBundle data structure files are not manually translated; and

compiling the plurality of modified Java source code files and the plurality of ListResourceBundle data structure files.

17. (NEW) The method of claim 8, wherein the one or more marked localizable strings are stored into the external text file in a first directory and the new version of the Java source code is generated in a second directory.

18. (NEW) The method of claim 15, wherein the original Java source code file is stored in a first directory and the modified Java source code file is created in a second directory.